

**ABSTRACT**

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5 The present invention concerns a fibre optic transceiver in which the optical components, interface, management functionality and management interface are all integrated on a single module capable of being plugged into and removed from the telecommunication's parent system. The optical transceiver module comprises a housing having disposed therein a transmitter and a receiver. The housing further comprises a pair of rails disposed on opposite sides of the housing to enable the module to be plugged into a suitably configured board. The module is designed primarily for use in 10Gbit serial optical systems, but is equally applicable for use in WDM applications, as well as at other speeds and wavelength.

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Figure 2